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CPY - NAGA-N

DC - L02

DR - 1544-U 1694-U

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MC - L02-A L02-G

PA - (NAGA-N) NAGASAKI KEN

PN - JP63103877 A 19880509 DW198824 004pp

- JP2012910B B 19900329 DW199017 000pp

PR - JP19860250428 19861022

XA - C1988-073695

XIC - C04B-038/04

AB - J63103877 Mullite quality porous compact is made by adding additives to the starting material contg. Al₂O₃ and SiO₂; compression moulding and sintering to obtain mullite (3Al₂O₃ . 2SiO₂). By adding additives to the starting material powder, unreacted or excessive amt. of SiO₂ is transferred into glass phase and also prodn. of cristobalite is restricted during sintering. Prepn. includes eluting the glass phase using acid to obtain porous compact consisting of mullite acicular crystals.

- USE - The mullite porous compact is used for filters for industrial use, foam generators, carriers of bioreactors, and catalyst, having fine porous structure and relatively high deflection strength.

AW - FILTER FOAM GENERATOR

AKW - FILTER FOAM GENERATOR

IW - MULLITE QUALITY POROUS COMPACT MANUFACTURE ADD ADDITIVE START MATERIAL CONTAIN OXIDE ALUMINIUM SILICON COMPRESS MOULD SINTER

IKW - MULLITE QUALITY POROUS COMPACT MANUFACTURE ADD ADDITIVE START MATERIAL CONTAIN OXIDE ALUMINIUM SILICON COMPRESS MOULD SINTER

NC - 001

OPD - 1986-10-22

ORD - 1988-05-09

PAW - (NAGA-N) NAGASAKI KEN

TI - Mullite quality porous compact mfr. - by adding additives to starting material contg. oxide(s) of aluminium and silicon, compression moulding and sintering